

$$(1) \quad 123 - 59 + 86 = \underline{\underline{150}}$$

①      ②

$$\begin{array}{r} 123 \\ - 59 \\ \hline 64 \end{array} \quad \begin{array}{r} 64 \\ + 86 \\ \hline 150 \end{array}$$

$$(2) \quad 23 - 6 \div (8 - 6) \times 4$$

$$= 23 - 6 \times \frac{1}{2} \times 4$$

$$= 23 - 12 = \underline{\underline{11}}$$

$$(3) \quad 4.6 \times 6.8 - 45.05 \div 8.5$$

$$= 31.28 - 5.3$$

$$= \underline{\underline{25.98}}$$

$$\begin{array}{r} 4.6 \\ \times 6.8 \\ \hline 368 \\ 276 \phantom{0} \\ \hline 31.28 \end{array} \quad \begin{array}{r} 5.3 \\ 8.5 \overline{) 45.05} \\ \underline{425} \phantom{0} \\ 255 \\ \underline{255} \\ 0 \end{array}$$

$$\begin{array}{r} 31.28 \\ - 5.3 \\ \hline 25.98 \end{array}$$

$$(4) \quad \frac{3}{10} \div \left( \frac{2}{3} - \frac{1}{6} \right) - \frac{1}{15} \times \frac{1}{2}$$

$$= \frac{3}{10} \div \frac{1}{2} - \frac{1}{10}$$

$$= \frac{6}{10} - \frac{1}{10} = \frac{5}{10} = \underline{\underline{\frac{1}{2}}}$$

$$(5) \quad \left( 2.25 - \frac{3}{8} \right) \div 0.75 - 1.8$$

$$= \left( 2\frac{1}{4} - \frac{3}{8} \right) \div \frac{3}{4} - 1\frac{4}{5}$$

$$= \frac{5}{8} \times \frac{4}{3} - 1\frac{4}{5}$$

$$= 2\frac{5}{10} - 1\frac{8}{10}$$

$$= \underline{\underline{\frac{7}{10}}} \quad (\text{又は } 0.7)$$

$$(6) \quad (334 \times 23 + 334 \times 27) - (234 \times 31 + 234 \times 19)$$

$$= 334 \times (23 + 27) - 234 \times (31 + 19)$$

$$= 334 \times 50 - 234 \times 50$$

$$= (334 - 234) \times 50$$

$$= 100 \times 50$$

$$= \underline{\underline{5000}}$$

2

(1)  $(\square + 22) \div 6 = 13 \text{ 余 } 3$

$(\quad) = 13 \times 6 + 3 = 81$

$\square = 81 - 22 = 59$

A. 59

(2)  $6 \text{ 時間 } 24\% = 6 \frac{24}{60} \text{ 時間} = 6 \frac{2}{5} = \frac{32}{5} \text{ 時間}$

$3 \frac{1}{5} \text{ 時間} = \frac{16}{5} \text{ 時間}$

$\frac{32}{5} : \frac{16}{5} = 8 : \square$        $\square = 16 \times 8 \div 32 = \frac{16 \times 8}{32} = 4$

A. 4

(3)  $230 \div 5 = 46 \dots 5 \text{ で割リ切レル数 } 46$

$230 \div 30 = 7 \dots 20$        $5 \text{ と } 6 \text{ で割リ切レル数 } 7$   
 $\uparrow$   
 $5, 6 \text{ の最小公倍数}$

$46 - 7 = 39$

A. 39

(4)  $\boxed{\text{昨日の売上}} \times 1.24 = 11067$

$11067 \div 1.24 = 8925$

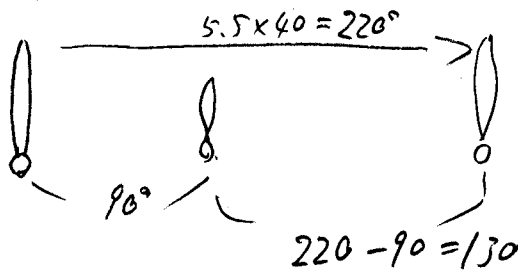
A. 8925

(5)  $2790 \text{ m} \div (94 + 86) = 15.5$

A. 15(6)30(秒)

(6) 3 時のとき  $30^\circ \times 3 = 90^\circ$  はなれいて

$(6 - 0.5) \times 40 \text{ 分} = 220^\circ$



$\uparrow$  長針  $\uparrow$  短針  
 $\setminus$  1分 = 5.5度

A. 130

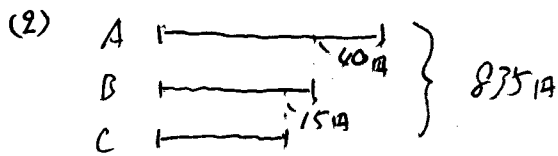
3 (1)  $A + B + C + D + E + F = 160.3 \times 6 = 961.8$

$-) A + B = 158.1 \times 2 = 316.2$

$C + D + E + F = 961.8 - 316.2 = 645.6$

$645.6 \div 4 = 161.4$

A. 161.4 cm



$$835 - 40 + 15 = 810 \text{ m} \quad \dots B \text{ 3つ分}$$

$$810 \div 3 = 270$$

A. 270 m

(3)

	1	10	20	B 75
	3	6	10	15
A	2	3	4	5

A 35通り

[4]  $\frac{1}{2}, \frac{1}{3}, \frac{2}{3}, \frac{1}{4}, \frac{2}{4}, \frac{3}{4}, \frac{1}{5}, \frac{2}{5}, \frac{3}{5}, \frac{4}{5}, \dots, \frac{1}{\textcircled{?}+1}, \frac{2}{\textcircled{?}+1}, \dots, \frac{\textcircled{?}}{\textcircled{?}+1}$

①
②
③
④
⑤

(1)  $\frac{5}{8}$  は ⑦ のグループの 5 番目 ( $\textcircled{?}+1=8$   $\textcircled{?}=7$ )

$$\underbrace{1+2+\dots+6}_{\text{①} \sim \text{⑥} \text{ の数}} + \underbrace{5}_{\text{⑦ の数}} = (1+6) \times 6 \div 2 + 5 = 26$$

A. 26 番目

(2)  $(1+\textcircled{?}) \times \textcircled{?} \div 2 = 99$

$$(1+\textcircled{?}) \times \textcircled{?} = 198$$

↑  
17 しかない積が 198 に近い数の組み合わせ  $\rightarrow 13 \times 14 = 182$

⑬ グループまで

$$\frac{(1+13) \times 13}{2} = 91 \rightarrow \textcircled{13} \text{ グループ 最後が 91 番目}$$

99 番目は ⑭ グループの 8 番目  $\rightarrow \frac{8}{14+1} = \frac{8}{15}$

A.  $\frac{8}{15}$

$$\boxed{5} \quad (1) \quad 150 - (15 + 22 + 38 + 17 + 9) = 49 \text{人} \dots \textcircled{7} + \textcircled{1}$$

$$49 \times \frac{3}{3+4} = 21 \dots 7 \quad 49 \times \frac{4}{3+4} = 28 \dots 1$$

$$A \begin{cases} 7 & 21 \text{人} \\ 1 & 28 \text{人} \end{cases}$$

$$(2) \quad 5.2 \text{km} \rightarrow 5.0 \sim 6.0 \text{の5"ル-7"}$$

$$9.0 \sim 6.0 \text{までは } 9 + 17 + 28 = 54 \text{人}$$

$$9.0 \sim 5.0 \text{までは } 54 + 38 = 92 \text{人}$$

$$A \text{ 55番目から92番目}$$

$$(3) \quad 3.0 \text{以上 } 6.0 \text{未満は}$$

$$21 + 22 + 38 = 81 \text{人}$$

$$81 \div 150 = 0.54$$

$$A \text{ 54\%}$$

$$\boxed{6} \quad (1) \quad 5 \times 5 \times 3.14 \times 12 = 942$$

$$A \text{ 942 cm}^3$$

注: ひくに出版の解答には  $894 \text{ cm}^3$  と書いていますが

これは容器の容積ではなく容器に三角柱を入れた時の残りの容積

$$(2) \quad 7.37 \times 100 = 737 \text{ cm}^2$$

$$\text{三角柱の上をみて } (78.5 - 4 \times 3 \times \frac{1}{2}) \times 8 = 580$$

$$\text{残り } 737 - 580 = 157 \text{ cm}^2$$

$$157 \div 78.5 = 2 \text{ cm}$$

$$8 + 2 = 10$$

$$A. 10 \text{ cm}$$

$$(3) \quad 737 \div 78.5 = 9.38 \dots \dots \dots$$

$$10 - 9.38 = 0.62$$

$$A. 0.6 \text{ cm}$$